

WHAT IS CLAIMED IS:

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1. A system-on-panel typed liquid crystal display, comprising:
    - a substrate including at least first, second and third regions;
    - a pixel array formed using the first region as the substrate;
    - a driver formed using the second region as the substrate; and
    - a control unit formed using the third region as the substrate, wherein the control unit includes switching devices having at least one active layer.
  2. The system-on-panel typed liquid crystal display of claim 1, wherein the active layer of the control unit is formed of single crystalline silicon.
  3. The system-on-panel typed liquid crystal display of claim 1, wherein the pixel array has an active layer formed of single crystalline silicon.
  4. The system-on-panel typed liquid crystal display of claim 1, wherein the driver has an active layer formed of polycrystalline silicon.
  5. The system-on-panel typed liquid crystal display of claim 1, wherein the pixel array has an active layer formed of polycrystalline silicon.

6. The system-on-panel typed liquid crystal display of claim 1, wherein the pixel array has an active layer formed of amorphous silicon.

7. The system-on-panel typed liquid crystal display of claim 1, wherein the control unit includes a central processing unit.

8. The system-on-panel typed liquid crystal display of claim 1, wherein the driver has an active layer formed of single crystalline silicon.

9. A system-on-panel typed liquid crystal display, comprising:

a substrate including at least first, second and third regions;

a pixel array formed using the first region as the substrate;

a driver formed using the second region as the substrate; and

a control unit formed using the third region as the substrate, wherein the control unit includes switching devices having at least one active layer formed of single crystalline silicon.

10. The system-on-panel typed liquid crystal display of claim 9, wherein the control unit includes a central processing unit.

11. The system-on-panel typed liquid crystal display of claim 9, wherein the pixel array has an active layer formed of single crystalline silicon.

12. The system-on-panel typed liquid crystal display of claim 9, wherein the driver has an active layer formed of polycrystalline silicon.

13. The system-on-panel typed liquid crystal display of claim 9, wherein the pixel array has an active layer formed of polycrystalline silicon.

14. The system-on-panel typed liquid crystal display of claim 9, wherein the pixel array has an active layer formed of amorphous silicon.

15. The system-on-panel typed liquid crystal display of claim 11, wherein the driver has an active layer formed of polycrystalline silicon.

16. The system-on-panel typed liquid crystal display of claim 13, wherein the driver has an active layer formed of polycrystalline silicon.

17. The system-on-panel typed liquid crystal display of claim 14, wherein the driver has an active layer formed of polycrystalline silicon.

18. The system-on-panel typed liquid crystal display of claim 14, wherein the driver has an active layer formed of single crystalline silicon.

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